PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY					Docket No.	1154.42933X00	1154.42933X00				
					entor	TILANDER, SAM					
					ADAPTIVE CO	<del></del>	ON CACHE FOR COMMUNICATION				
(Only for new nonprovisional applications under 37 CFR 1.53(b))					NETWORKS	THEO HOR GACH					
, and the second			Express Mail Label No.				70				
APPLICATION ELEMENTS					ADDRESS		ssistant Commissioner for Patents ox Patent Application				
SEE MPEP chapter 600 concerning utility patent application co					AUUKESS	Washington,		S. 52			
1. 🛛	Fee Transmitta (Submit en original en	al Form (e.g., PTO d a duplicate for fee process	/SB/17) ing)		Com	Computer Program (Appendix)					
2.	Applicant clain See 37 CFR 1	ns small entity stat .27.	JS.		Nucleotide     fif applicab	8. Nucleotide and/or Amino Acid Sequence Submission fif applicable, all necessary) a. Computer Readable Form (CRF)					
з. 🛚	Specification	fication [Total Pages: 29] b. Specification Sequence Listing on:									
	-Descriptive title of the invention -Cross Reference to Related Applications										
	<ul> <li>Statement Re</li> </ul>	garding Fed spons	ored R & D	ii □ paper							
		sequence listing, a program listing ap f the Invention		c. Statements verifying identity of above copies							
	-Brief Summar	rief Summary of the Invention rief Description of the Drawings (if filed)				ACCOMPANYING APPLICATION PARTS					
	-Detailed Desc		(ii iiieo)		9. Assi	nnment Paners (cove	r sheet & documents(s))				
	-Claim(s) -Abstract of the	Disclosure				FR 3.73(b) Statemen		201			
4. 🛛	Drawing(s) (35	U.S.C. 113)	[Total Pages: 7]	(whe	(when there is an assignee)						
5. Oath o	r Declaration		[Total Pages:]		11. English Translation Document (if applicable) 12. Information Disclosure Copies of IDS Citations						
a		ed (original or copy	**		Statement (IDS)/PTO-1449						
b LJ Copy from a prior application (37 CFR 1.63 (d))  (for continuation/divisional with Box 18 completed)											
	i. 🗆 DELE	TION OF INV	ENTOR(S)		14. A Return Receipt Postcard (MPEP 503)  (Should be specifically itemized)						
	Signed	statement attache	d deleting inventor(s)		= = = = = = = = = = = = = = = = = = =						
		in the prior applicate) and 1.33(b)	ation, see 37 CFR		1	(if foreign priority is claimed)  16. Nonpublication Request under 35 U.S.C. 122					
6. 🗌	Application Dat	a Sheet. See 37 (	CFR 1.76		(b)(2	(b)(2)(B)(i). Applicant must attach form PTO/SB/35					
					or its equivalent.  17. Other: Figs. 1-6, Credit Card Payment Form						
18. If a C	ONTINUING	APPLICATION,	check appropriate box,	, and sup	ply the requisite in	formation below a	nd in a preliminary am	nendment,			
or in an A	Application Da  Continuation	ta Sheet under on Divis		ation-in-pa	et (CID) et evier e	andination No.					
				•	rt (CIP) of phor a	application No.:					
For CONT	cation information INUATION OR	DIVISIONAL APP	S only: The entire disclo	sure of the	- e prior application. t	from which an oath	or declaration is supplie	ad under			
Box 5b, is	considered a p	part of the disclos	ure of the accompanying when a portion has been	a continua	tion or divisional ar	plication and is here	hy incorporated by refe	erence.			
	pojation Lan bi	ny pe relied upon	19. CORF	<u>r inagverte</u> RESPOND	ENCE ADDRESS	ne submitted applica	ition parts.				
⊠ Custo	omer Number or	Bar Code Label	(Insert Customer No	or Correspondence address below							
Name		ANTONELLI,	TERRY, STOUT & KR								
Address City			····	Ctata			1				
<u> </u>		ļ,	<del>\                                    </del>	State		Zip Code					
Country	Donald 5	Storet	Te ,	elephone	(703) 312-6600	Fax	(703) 312-6666				
Name Signature	Donald E	. Stout	and the		Registration No. (A	ttorney/Agent) Date	<b>26,422</b> July 10, 2003				

PTO/SB/17 (01-03)

Approved for use through 04/30/2003. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL		Complete if Known							
I LE INANSIMITIAL		Application Number							
for FY 2003		Filing Date			July 10, 20	003			
101112003		First Named Inve			or TILANDER	TILANDER, SAMI			
Effective 01/01/2003. Patent fees are subject to annual revisi	on.	Examiner Name							
☐ Applicant claims small entity status. See 37 CFR 1.27		Art Uni	t						
TOTAL AMOUNT OF PAYMENT (\$) 858.00		Attorney Docket No. 115				154.42933X00			
METHOD OF PAYMENT (check all that apply)	$\Gamma$	FEE CALCULATION (continued)							
☐ Check ☑ Credit Card ☐ Money Order ☐ Other ☐ None	3. ADDITIONAL FEES								
☑ Deposit Account:		Large Entity		Sma Entit					
Deposit Account Number 01-2135	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Desc	rintion	Eog Boid		
Deposit Account Name Antonelli, Terry, Stout & Kraus, LLP	1	,				_	Fee Paid		
The Commissioner authorized to: (check all that apply)	1051		2051	65	Surcharge – late fii	-			
☐ Charge fees indicated below ☑ Credit any overpayments ☑ Charge any additional fee(s) during the pendency of this	1052		2052	25	Surcharge – late processing specific cover sheet	_	e or		
application ☐ Charge fees indicated below, except for the filing fee	1053		1053	130	Non-English specif				
to the above-identified deposit account.	1812 1804		1812 1804		For filing a request				
FEE CALCULATION	1	020	1004	320	Requesting publica Examination action	illon of SIR prior to	0		
BASIC FILING FEE     Large Entity Small Entity	1805	1,840*	1805	1,840	)*Requesting publica Examiner action	ation of SIR after			
Fee Fee Fee Fee Description Foo Boid	1251	110	2251	55	Extension for reply	within first month			
Code (\$) Code (\$) 1001 750 2001 375 Utility filing fee 750.00	1252	410	2252	205	Extension for reply				
1002 330 2002 165 Design filing fee	1253	930	2253	465	Extension for reply				
1003 520 2003 260 Plant filing fee	1254 1255	1,450 1,970	2254 2255	725 985	Extension for reply		th		
1004 750 2004 375 Reissue filing fee	1401	320	2401	160	Extension for reply Notice of Appeal	within tinn month			
1005 160 2005 80 Provisional filing fee	1402	320	2402	160	Filing a brief in sup	nort of an anneal			
SUBTOTAL (1) 750.00	1403	280	2403	140	Request for oral he				
SUBTOTAL (1)   750.00  2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1451	1,510	1451	1,510	Petition to institute	-	eeding		
Fee from	1452	110	2452	55	Petition to revive -		•		
Extra Claims below Fee Paid	1453	1,300	2453	650	Petition to revive -	unintentional			
Total Claims 26 -20** = 6 x 18 = 108.00	1501	1,300	2501	650	Utility issue fee (or	reissue)			
Indep. 3 -3** = 0 x 84 = 0 Claims	1502	470	2502	235	Design issue fee				
Multiple Dependent 280 = 0	1503 1406	630 130	2503 1460	315	Plant issue fee				
	1807	50	1807	130 50	Petitions to the Con				
Large Entity Small Entity Fee Fee Fee Fee Fee Description	1806	180	1806	180	Processing fee under Submission of Information				
Fee Fee Fee Fee Description  Code (\$) Code (\$)  1202 18 2202 9 Claims in excess of 20	8021	40	8021	40	Recording each pat	ent assignment pe	er		
1201 84 2201 42 Independent claims in excess of 3	1809	750	2809	375	property (times num Filing a submission (37 CFR § 1.129(a))	after final rejection			
1203 280 2203 140 Multiple dependent claim, if not paid	1810	750	2810	375	For each additional	invention to be			
1204 84 2204 42 ** Reissue independent claims over original patent	1801	750	2801	375	examined (37 CFR § Request for Continu	,,	RCE)		
	1802	900	1802	900	Request for expedite	ed examination			
1205 18 2205 9 *** Reissue claims in excess of 20 and over original patent	Other t	fee (spec	ify)		oi a design applicati	a design application			
**or number previously paid, if greater; For Reissues, see above.									
	*Reduc	educed by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0.00							
SUBMITTED BY	4/ **			Complete (if a	pplicable)				
		tion No. y/Agent)			26,422	Telephone	703-312-6600		
Signature WARNING: Information on this feature						Date	07/10/2003		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.